

CLAIMS

1. Electrically powered oven, in particular for baking or heating sliced bread, comprising a box-shaped body inside which there are housed one or more electrical resistors intended to radiate energy into said body for baking or heating said sliced bread, characterised in that at least one resistor is arranged into said body so as to determine at least two baking chambers and exhibits baffle means intended to direct said radiated energy towards said baking chambers.
2. Electrically powered oven according to claim 1, characterised in that said baffle means comprises first elongated members arranged at the sides of at least one portion of said resistor.
3. Electrically powered oven according to one or more of the previous claims, characterised in that said first members are connected to a support frame and define seats wherein portions of said resistor are slidably held.
4. Electrically powered oven according to one or more of the previous claims, characterised in that said support frame allows heat transfer by convection between the two baking chambers.
5. Electrically powered oven according to one or more of the previous claims, characterised in that said support frame exhibits bars bent upwards connected to said first members, said frame exhibiting portions bent inwards, so that said resistor is held between said seats and said bent portions of said frame.
6. Electrically powered oven according to one or more of the previous claims, characterised in that said baffle means comprises second members adapted to hinder the radiance of said

radiating energy towards the upper portion of said body of said oven.

7. Electrically powered oven according to one or more of the previous claims, characterised in that said second members exhibit an elongated shape and are arranged above at least one portion of said resistor.
8. Electrically powered oven according to one or more of the previous claims, characterised in that said first and/or said second members are realised by bars connected to said support frame.
9. Electrically powered oven according to one or more of the previous claims, characterised in that said first and/or said second members are made of bent sheet connected to said support frame.
10. Electrically powered oven according to one or more of the previous claims, characterised in that two shorter and opposed portions of said resistor remain cold upon switch on of said resistor.
11. Electrically powered oven according to one or more of the previous claims, characterised in that it exhibits resistor control means adapted to repeatedly switch said resistors on and off to prevent their surface from reaching a sufficiently high temperature thereby generating an intense radiance.
12. Electrically powered oven according to one or more of the previous claims, characterised in that said control means is adapted for detecting the temperature inside said oven and is adapted to switch the resistor on an off also in relation to

said temperature.

13. Electrically powered oven according to one or more of the previous claims, characterised in that said control means comprises an amperometric bimetallic thermostat electrically connected in series to said resistors, said thermostat being adapted to switch on due to the temperature inside the oven and moreover, due to the heat produced by the power supply current of said resistors.
14. Procedure for heating an electrically powered oven, in particular for baking or heating sliced bread, characterised in that it consists in radiating energy mainly towards the lower portion of said oven by at least one resistor, which is arranged in an intermediate portion of the box-shaped body of the oven, and which determines at least two baking chambers, so that the effect of natural convection into said chambers is comparable.
15. Procedure according to the previous claim, characterised in that it provides for the repeated switching on and off of the resistors so as to limit the maximum temperature reached by their surface for limiting the radiance.
16. Electrically powered oven, in particular for baking or heating sliced bread, and procedure for heating it, all as substantially described, represented in the attached drawing tables, and claimed.
